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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/922,062	08/02/2001	Christoph A. Aktas	2001 P 13667 US	7581

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Siemens Corporation
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Iselin, NJ 08830

EXAMINER

PATEL, ASHOKKUMAR B

ART UNIT	PAPER NUMBER
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2154

DATE MAILED: 09/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/922,062

Applicant(s)

AKTAS ET AL.

Examiner

Ashok B. Patel

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 May 2006.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
4a) Of the above claim(s) 4 is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-3 and 5-28 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
~~3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)~~
Paper No(s)/Mail Date ~~07/10/2006~~
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-28 are subject to examination. Claim 4 is cancelled.

Response to Arguments

2. Applicant's arguments, filed 05/23/2006, with respect to the rejection(s) of claim(s) 1, 5, 13 and 17 under 35 USC § 102 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Adler et al. (US 6, 157, 630).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-3 and 5-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Horvitz et al. (hereinafter Horvitz)(US 2003/0046421 A1) in view of Adler et al. (US 6, 157, 630)

Referring to claim 1,

Horvitz teaches a multimedia mailbox system (para.[0288], [0111],[0064]), comprising:

a message store for storing multimedia messages (para. [0073],[0277]);

conversion means for converting messages in one medium to messages in another medium, said conversion means converting messages based on a type of target device being used to access the stored message (para.[0064],” The messages 34

Art Unit: 2154

can include electronic information such as text and/or other information such as image or audio information. If the messages 34 were received as audio phone messages for example, the priorities system 30 or user interface 20 can invoke a speech recognizer (not shown) to convert the audio to text, as well as to other features, including acoustical properties capturing multiple properties of the acoustics, such as prosodic features, including the temporal patterns of the rate, pitch, inflections, and overall energy associated with voice messages. „[0111],” Fourth, the user may indicate that an agent or automated assistant with speech recognition and text-to-speech rendering abilities be activated, to alert the user to the priority and to allow the user to engage further in a dialog about hearing or seeing more about the message.”,[0017],” The text or other data can be formatted prior to delivery to a receiving modality such as a mobile device, wherein formatting can include compression and fragmentation, for example.”, Fig. 7, [0086],” FIG. 7 illustrates a user interface 600 providing device options in accordance with an aspect of the present invention. The device options 600 include display settings 610 and compression settings 620 that facilitate formatting of messages on the users message device such as a cell phone or computer.”);

Horvitz fails to teach summarization means for automatically summarizing the stored message, wherein said summarization means reduces messages to a list of keywords from a plurality of lists of keywords, each keyword of each list being selectable by a user, said list of keywords applied to the stored message being based upon a sender of a message; and organization means for organizing content of the stored message into a template, said template including information fields selected by a user

Art Unit: 2154

and a number of characters for each field selected by said user, wherein said stored message is available for access in accordance with said template for said user.

Adler teaches summarization means for automatically summarizing the stored message (col. 6, line 60-62, "Screen 585 summarizes the messages that are to be sent from the server 205 to the radio device 200.") , wherein said summarization means reduces messages to a list of keywords from a plurality of lists of keywords, each keyword of each list being selectable by a user (col. 6, line 62-col. 7, line 4, "For example, messages can be selected identified by sender or by subject key word or by urgency flag or by body (text). By activating the button 586, the program proceeds to screen 595 and a new key word can be entered. The field to be searched is selected by preference buttons 598 and a key word is entered in field 600. The key word entered in field 600 can cause a search by the server 205 in the sender field, the subject field or the body field, according to the selection made in section buttons 598."), said list of keywords applied to the stored message being based upon a sender of a message (col. 7, line 5-15, "By pressing edit button 587 in screen 585, agent action screen 590 is presented, inviting the server 205 to send the entire message or only the first predefined number of characters or only the sender or **only the sender and subject when the key words match.**"); and organization means for organizing content of the stored message into a template, said template including information fields selected by a user and a number of characters for each field selected by said user, wherein said stored message is available for access in accordance with said template for said user. (col. 4, line 48-62, "The headers are short, giving merely the sender of a message (field

Art Unit: 2154

310 of FIG. 3) the date or time (field 311) and the subject (field 312) or a portion of the subject field. Rules are set up by the individual user in database 430 defining how many and what form of header information the user wishes to receive in viewing his inbox. For example, the user can set up a rule which provides that only the last 10 messages are shown or he can set up a rule which provides that only messages received in the last 24 hours are shown. For each message, a predetermined limit is set for the amount of text from the body of the message that is sent to the radio device 200.”)

Therefore, it would have been obvious to one having ordinary skill in the art at the time of invention was made to add the teachings of Adler to the system 30 of Horvitz such that the summarized messages according to the user specified keywords for a given sender is received on the user's radio device such as pager or portable wireless computer.

It would have been also obvious because, as Adler stated, col. 7, line 41-48, “This feature has the great advantage of flexibility in allowing the user to select messages to be presented at the radio device 200. This feature is most useful in a device having a very limited screen size and memory capacity, because indiscriminate presentation of all messages to the radio device can unnecessarily fill up the memory and fill up the screen, causing irritation to the user.”

Referring to claim 2,

Horvitz teaches a system according to claim 1 wherein said conversion means includes at least two selected from the group consisting of a text to speech converter, a speech to text

Art Unit: 2154

converter, and a fax to text converter. (para.[0064],” The messages 34 can include electronic information such as text and/or other information such as image or audio information. If the messages 34 were received as audio phone messages for example, the priorities system 30 or user interface 20 can invoke a speech recognizer (not shown) to convert the audio to text, as well as to other features, including acoustical properties capturing multiple properties of the acoustics, such as prosodic features, including the temporal patterns of the rate, pitch, inflections, and overall energy associated with voice messages. ,[0111],” Fourth, the user may indicate that an agent or automated assistant with speech recognition and text-to-speech rendering abilities be activated, to alert the user to the priority and to allow the user to engage further in a dialog about hearing or seeing more about the message.”)

Referring to claim 3,

Horvitz teaches a system according to claim 1 further comprising means for determining the type of target device being used to access the stored message.([0017],” The text or other data can be formatted prior to delivery to a receiving modality such as a mobile device, wherein formatting can include compression and fragmentation, for example.”, Fig. 7, [0086],” FIG. 7 illustrates a user interface 600 providing device options in accordance with an aspect of the present invention. The device options 600 include display settings 610 and compression settings 620 that facilitate formatting of messages on the users message device such as a cell phone or computer.”)

Referring to claim 5,

Horvitz teaches a mailbox system, comprising: (para.[0288], [0111],[0064]), comprising:

a message store for storing messages(para. [0073],[0277]);

means for summarizing message content of a stored message that operates as a function of a type of target device being used to access the stored message ([0279],
The automated text summarizer can be controlled to decrease a summarization level of the text of messages as a function of the priority of the document." ([0124]-[0219],
Thus, during feature selection, one or more words as well as phrases and symbols that are useful for discriminating among messages of different levels of time criticality are considered.", [0219],
Beyond keywords and phrases, statistics on parts of speech and logical forms of sentences appearing in the subject and body of messages can also be employed.", [0251],
In general, a sender-recipient structural relationship may be considered in the classification process.", [0017],
The text or other data can be formatted prior to delivery to a receiving modality such as a mobile device, wherein formatting can include compression and fragmentation, for example.", Fig. 7, [0086],
FIG. 7 illustrates a user interface 600 providing device options in accordance with an aspect of the present invention. The device options 600 include display settings 610 and compression settings 620 that facilitate formatting of messages on the users message device such as a cell phone or computer."),

Horvitz fails to teach wherein said summarization means reduces messages to a list of keywords from a plurality of lists of keywords each keyword of each list being selectable by a user said list of keywords applied to the stored message being based on a sender of a message; and

organization means for organizing the message content of the stored message into a template, said template including information fields selected by a user and a number of characters for each field selected by said user, wherein said stored message is available for access in accordance with said template for said user.

Adler teaches wherein said summarization means reduces messages to a list of keywords from a plurality of lists of keywords, each keyword of each list being selectable by a user (col. 6, line 62-col. 7, line 4, "For example, messages can be selected identified by sender or by subject key word or by urgency flag or by body (text). By activating the button 586, the program proceeds to screen 595 and a new key word can be entered. The field to be searched is selected by preference buttons 598 and a key word is entered in field 600. The key word entered in field 600 can cause a search by the server 205 in the sender field, the subject field or the body field, according to the selection made in section buttons 598."), said list of keywords applied to the stored message being based upon a sender of a message (col. 7, line 5-15, "By pressing edit button 587 in screen 585, agent action screen 590 is presented, inviting the server 205 to send the entire message or only the first predefined number of characters or only the sender or only the sender and subject when the key words match."); and organization means for organizing content of the stored message into a template, said template including information fields selected by a user and a number of characters for each field selected by said user, wherein said stored message is available for access in accordance with said template for said user. (col. 4, line 48-62, "The headers are short, giving merely the sender of a message (field 310 of FIG. 3) the date or time (field

Art Unit: 2154

311) and the subject (field 312) or a portion of the subject field. Rules are set up by the individual user in database 430 defining how many and what form of header information the user wishes to receive in viewing his in-box. For example, the user can set up a rule which provides that only the last 10 messages are shown or he can set up a rule which provides that only messages received in the last 24 hours are shown. For each message, a predetermined limit is set for the amount of text from the body of the message that is sent to the radio device 200.”)

Therefore, it would have been obvious to one having ordinary skill in the art at the time of invention was made to add the teachings of Adler to the system 30 of Horvitz such that the summarized messages according to the user specified keywords for a given sender is received on the user's radio device such as pager or portable wireless computer.

It would have been also obvious because, as Adler stated, col. 7, line 41-48, “This feature has the great advantage of flexibility in allowing the user to select messages to be presented at the radio device 200. This feature is most useful in a device having a very limited screen size and memory capacity, because indiscriminate presentation of all messages to the radio device can unnecessarily fill up the memory and fill up the screen, causing irritation to the user.”

Referring to claims 6, 7 and 8,

Horvitz teaches wherein said means for summarizing is operative to summarize a stored message based on a predefined set of target device related parameters, and wherein said predefined set of target device related parameters includes target device

Art Unit: 2154

display size, and wherein said predefined set of target device parameters includes target device buffer size. ([0017],” The text or other data can be formatted prior to delivery to a receiving modality such as a mobile device, wherein formatting can include compression and fragmentation, for example.”, Fig. 7, [0086],” FIG. 7 illustrates a user interface 600 providing device options in accordance with an aspect of the present invention. The device options 600 include display settings 610 and compression settings 620 that facilitate formatting of messages on the users message device such as a cell phone or computer.”)

Referring to claims 9, 10, 11 and 12,

Horvitz teaches wherein said target device is a mobile device (page 2, para.[0017]).), and wherein said mobile device is a pager, and wherein said mobile device is a PDA., and wherein said mobile device is a cell phone (page 7 , para.[0083], page 11, para.[0115]).

Referring to claim 13,

Claim 13 is a method claim describing the process performed by the apparatus in claim 1. Therefore claim 13 is rejected for the same reasons as claim 1.

Referring to claim 14,

Claim 14 is a method claim describing the process performed by the apparatus in claim 2. Therefore claim 14 is rejected for the same reasons as claim 2.

Referring to claim 15,

Claim 15 is a method claim describing the process performed by the apparatus in claim 3. Therefore claim 15 is rejected for the same reasons as claim 3.

Referring to claim 16,

Claim 16 is a method claim describing the process performed by the apparatus in claim 4. Therefore claim 16 is rejected for the same reasons as claim 4.

Referring to claim 17,

Claim 16 is a method claim describing the process performed by the apparatus in claim 5. Therefore claim 17 is rejected for the same reasons as claim 5.

Referring to claims 18 ,19 and 20,

Claims 18 and 19 are method claims describing the process performed by the apparatus in claims 6 ,7 and 8. Therefore claims 18 and 19 are rejected for the same reasons as claims 6 ,7 and 8.

Referring to claim 21,

Horvitz teaches a system according to claim 1 wherein information fields include sender name, time, summary, message priority and un-summarized text. (page 2, para.[0016], [0017], page 12, para.[0124] through page 14, para.[0212])

Referring to claim 22,

Horvitz teaches a system according to claim 5 wherein information fields include sender name, time, summary, message priority and un-summarized text. (page 2, para.[0016], [0017], page 12, para.[0124] through page 14, para.[0212]).

Referring to claim 23,

Claim 23 is a method claim describing the process performed by the apparatus in claim 21. Therefore claim 23 is rejected for the same reasons as claim 21.

Referring to claim 24,

Claim 24 is a method claim describing the process performed by the apparatus in claim 22. Therefore claim 24 is rejected for the same reasons as claim 22.

Referring to claim 25,

Horvitz teaches a multimedia mailbox system according to claim 1 wherein said list of keywords applied to said text being further based upon message subject. (para.[0279])

Referring to claim 26,

Horvitz teaches a multimedia mailbox system according to claim 1 further comprising: filter means for determining high priority messages; and automatic means for automatically sending a summary of high priority messages to a designated user. (para.[0277],[0279]);

Referring to claim 27,

Claim 27 is a method claim describing the process performed by the apparatus in claim 26. Therefore claim 27 is rejected for the same reasons as claim 26.

Referring to claim 28,

Horvitz teaches a method according to claim 27 wherein said step of determining further comprises the step of filtering to determine message priority. (para.[0277],[0279]);

Conclusion

Examiner's note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the

Art Unit: 2154


claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ashok B. Patel whose telephone number is (571) 272-3972. The examiner can normally be reached on 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Abp**

 JOHN FOLLANSBEE
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TECHNOLOGY CENTER 2100